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	1	I CLAIM:
5u k	2	1. A navigation system comprising:
).jC	end user electronic devices;
	4 /	a customer-interface server; and
	5	a navigation-services server,
	6	wherein said end user electronic devices send requests for navigation services to
	7	said customer-interface server and receive responses to said requests from said customer-
	8	interface server;
	9	wherein said customer-interface server includes programming that, upon
	10	receiving said requests from said end user electronic devices, transmits query messages
	11	over the Internet to said navigation-services server, wherein said query messages request
	12	navigation information for responding to said requests;
1	13	wherein said navigation-services server receives said query messages from said
ոսում Մուս Դեռո Վայք Մույի Այդի Այդի Այդի Այդի	14	customer-interface server, and using navigation applications installed on said navigation-
	15	services server and a geographic database associated therewith, formulates language-
	16	independent reply messages to said query messages, and sends said language-
	17	independent reply messages to said customer-interface server; and
thad then that the	18	wherein said customer-interface server further includes programming that, upon
	19	receiving said language-independent reply messages from said navigation-services
	20	server, formulates said responses and sends said responses to said end user electronic
<u> </u>	21	devices.
	22	
	23	2. The navigation system of Claim 1 wherein said requests for navigation
	24	services from said end user electronic devices are sent to said customer-interface server
	25	over the Internet.

The navigation system of Claim 1 wherein said language-independent 3. replay messages are in XML format.

1	4.	The navigation system of Claim wherein said customer-interface server		
2	uses XML st	ylesheets to formulate the responses that are sent to said end user electronic		
3	devices.			
4				
5	5.	The navigation system of Claim 1 wherein the responses that are sent to		
6	said end user	electronic devices are in HTML format.		
7				
8	6.	The navigation system of Claim 5 wherein said customer-interface server		
9	uses an XMI	stylesheet to formulate the responses that are sent to said end user		
10	electronic de	vices into HTML format.		
11				
12	7.	A method for providing routing information using a navigation system, the		
13	method comp	prising:		
14	on a c	customer-interface server, receiving a request over a data network from an		
15	end user for	route guidance to a destination;		
16	from	the customer-interface server, sending a message over the data network to a		
17	navigation-re	elated information server for maneuvering instructions;		
18	on the	e navigation-related information server, after receiving the message from the		
19	customer-interface server, calculating a route to the destination and determining a series			
20	of maneuvers for traveling along a route to the destination;			
21	on the	e navigation-related information server, forming a language- and format-		
22	independent	data structure that represents the series of maneuvers;		
23	from	the navigation-related information server, sending the language- and format-		
24	independent data structure over the data network to the customer-interface server;			
25	on the	e customer-interface server, using the language- and format-independent data		
26	structure rece	eived from the navigation-related information server to form language- and		
27	format-speci	fic maneuvering instructions; and		
28	from	the customer-interface server, providing the form language- and format-		
29	specific man	euvering instructions to the end user over the data network.		
30				

1	8.	The method of Claim 7	wherein the language- and format-specific
2	maneuvering i	instructions are in HTM	1
3			
4	9.	The method of Claim 7	wherein the language- and format-independent
5	data structure	is in XML format.	
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7	10.	The method of Claim 7	wherein the data network comprises the Internet.
8		i	
9	11.	The method of Claim	wherein said customer-interface server uses an
10	XML styleshe	eet to form the language	and format-specific maneuvering instructions.
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